
INTERNAL SRS PROTOCOL

**Development, Review and Approval of
Pre-workplan Sampling and Analysis Plan**

Introduction

The following protocol has been developed in order to support the Savannah River Site (SRS) Environmental Restoration program. This protocol provides instructions for the development, review and approval of sampling and analysis plans for the collection of pre-workplan characterization data. The protocol is intended to promote the optimization of data collection for use in the Resource Conservation and Recovery Act (RCRA) Facility Investigation/Remedial Investigation (RFI/RI) and Baseline Risk Assessment (BRA) process.

Pre-workplan characterization is the work performed to learn about a unit in order to prepare a formal RFI/RI work plan. The sampling and analysis plan for this phase of the work should be based on a well thought out concept of exposure pathways as documented in a preliminary conceptual site model (CSM).

Data from this sampling and analysis will be used to (1) determine the nature and extent of contamination at the unit, (2) perform an ecological risk assessment, and (3) begin the process of formulating a hydrogeologic conceptual model in support of groundwater modeling for the unit.

Details

A preliminary CSM must be developed as a part of each pre-workplan sampling and analysis plan. All sampling and analysis plans developed for the purpose of collecting pre-workplan characterization data shall be prepared, reviewed, and approved by personnel serving on the project team that are responsible for the following technical aspects of the project:

- Site Characterization
- Human Health Risk Assessment
- Ecological Risk Assessment
- Fate and Transport
- Feasibility Studies
- Remedial Design
- Technical Lead

The review shall be documented with a formal review/approval sign-off sheet attached to the sampling and analysis plan.